

S U M M A R Y

According to the invention there is described a method for ex vivo immunization of humans and animals comprising the following steps of:

- a) isolating autologous tumour cells;
- b) treating the tumour cells to prevent the survival thereof following reinfusion;
- c) incubating the thus treated tumour cells with intact heterologous bispecific and/or trispecific antibodies showing the following properties:
 - α - binding to a T cell;
 - β - binding to at least one antigen on a tumour cell;
 - γ - binding, by their Fc portion (in the case of bispecific antibodies), or by a third specificity (in the case of trispecific antibodies) to Fc receptor-positive cells.